

REMARKS

The First Amendment incorporates the application lineage per 35 U.S.C. § 120 and makes editorial corrections to claims 10 and 21 to place them in more conventional U.S. claim format.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By: 

Kendrew H. Colton

Registration No. 30,368

Telephone No. (202) 419-7000

Facsimile No. (202) 419-7007

FITCH, EVEN, TABIN & FLANNERY
1801 K Street, NW
Suite 401L
Washington, DC 20006-1201
Telephone: (202) 419-7000
Facsimile: (202) 419 -7007

APPENDIX

Amendments to the existing claims:

10. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between the front and rear rollers (circumferential velocity of a rear roller / circumferential velocity of a front roller) of 0.5 to 1.2 under heating conditions which satisfy $4 \leq y \leq -1.5x + 330$ and $(T_{gc} - 5)^{\circ}\text{C} \leq x \leq (T_{gc} + 110)^{\circ}\text{C}$, wherein { T_{gc} : represents a glass transition temperature of a core, x : represents an annealing temperature ($^{\circ}\text{C}$), and y : represents an annealing time (seconds)}.

21. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between (circumferential velocity of a rear roller / circumferential velocity of a front roller) between the front and rear rollers of 0.5 to 1.2 under heat conditions which satisfy $4 \leq y \leq -1.5x + 330$ and $(T_{gc} - 5)^{\circ}\text{C} \leq x \leq (T_{gc} + 110)^{\circ}\text{C}$, wherein { T_{gc} : represents a glass transition temperature of a core, x : represents an annealing temperature ($^{\circ}\text{C}$), and y : represents an annealing time (seconds)}, while a tension of 0.35×10^6 to 1.5×10^6 Pa is applied to the fiber.